



1999 Toxics Release Inventory

ILLINOIS

Reported Releases and Waste Management Activities (in pounds)

	Original Industries	New Industries	Total
On-site Releases	75,498,437	62,088,608	137,587,045
Air Emissions	50,371,772	34,760,045	85,131,817
Surface Water Discharges	6,459,380	252,632	6,712,012
Underground Injection Class I Wells	1,200	0	1,200
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	7,572,117	18,737,524	26,309,641
Other On-site Land Releases	11,093,968	8,338,407	19,432,375
Off-site Releases (Transfers Off-site to Disposal)*	20,375,384	7,092,468	27,467,852
Total On- and Off-site Releases	95,873,821	69,181,076	165,054,897
Recycled On-site	970,752,375	6,571,016	977,323,391
Recycled Off-site	93,996,116	569,583	94,565,699
Energy Recovery On-site	29,329,613	0	29,329,613
Energy Recovery Off-site	29,891,613	8,277,652	38,169,265
Treated On-site	190,430,501	41,432,426	231,862,927
Treated Off-site**	17,462,059	1,911,059	19,373,118
Quantity Released On- and Off-site***	106,718,228	69,424,350	176,142,578
Total Production-related Waste Managed	1,438,580,505	128,186,086	1,566,766,591
Total Non-production-related Waste Managed	529,536	302,377	831,913

Transfers Off-site for Further Waste Management/Disposal

Recycling	90,067,804	543,759	90,611,563
Energy Recovery	27,691,634	8,293,820	35,985,454
Treatment	8,089,341	1,194,782	9,284,123
Publicly Owned Treatment Works (POTWs)	12,881,695	801,133	13,682,828
Metals and Metal Compounds*	133,921	43,547	177,468
Non-metal TRI Chemicals**	12,747,774	757,586	13,505,360
Other Off-site Transfers***	1,618	0	1,618
Off-site Transfers to Disposal (not including metals to POTWs)	32,651,858	7,593,852	40,245,710
Total Transfers Off-site for Further Waste Management/Disposal	171,383,950	18,427,346	189,811,296

* Transfers to POTWs of metals and metal compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Transfers to POTWs of non-metals are included in treated off-site waste management activity.

*** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

**** Transfers reported without a valid waste management code.

For More Information . . .

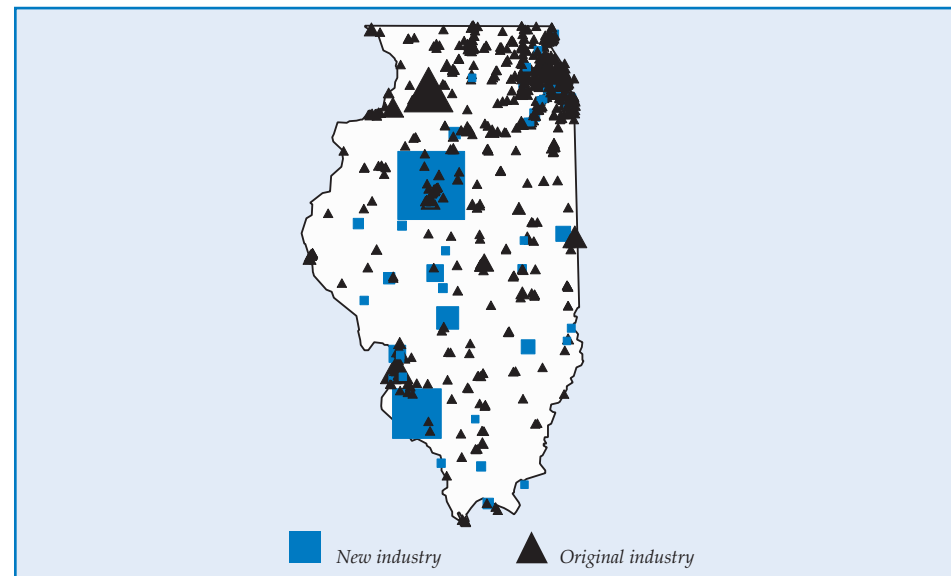
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Support Service (TRI-US):
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The largest marker in the state map represents the largest facility for on-site releases in the state of Illinois. All markers are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data

Population	12,128,370
Square Miles	55,593
Total Facilities	1,321
Total Forms	4,899
Form As	762

	Original Industries	New Industries	Total
National Rank for Total On- and Off-site Releases*			
Rank	6	15	10
Pounds	95,873,821	69,181,076	165,054,897
National Rank for Total On-site Releases**			
Rank	7	16	13
Pounds	75,498,437	62,088,608	137,587,045
National Rank for Total Releases within State***			
Rank	6	15	10
Pounds	109,096,445	69,877,571	178,974,016
National Rank for Production-related Waste Managed			
Rank	3	11	3
Pounds	1,438,580,505	128,186,086	1,566,766,591

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility. Excludes amounts transferred to other sites.

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



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On-site and Off-site Releases for Top Ten Chemicals Ranked on Total Releases in the State (Original Industries)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
--	Zinc compounds	654,647	12,123	1,200	12,100,033	10,097,591	22,865,594	11,043,498	10,750,510	4,386,261
110-54-3	n-Hexane	7,830,708	2,600	0	504	10	7,833,822	642	5	5
--	Nitrate compounds	8,196	6,243,853	0	179,021	284,418	6,715,488	49,475	232,418	52,000
--	Manganese compounds	85,542	5,769	0	3,301,530	3,007,386	6,400,227	1,701,756	2,752,115	973,067
7664-41-7	Ammonia	4,699,049	69,382	0	11,995	266,365	5,046,791	40	11,804	254,561
108-88-3	Toluene	3,732,423	576	0	304	34,906	3,768,209	10,574	13,325	21,581
75-15-0	Carbon disulfide	3,501,856	1,613	0	0	15	3,503,484	0	15	0
85-44-9	Phthalic anhydride	144,224	0	0	0	2,828,442	2,972,666	10,395	2,821,052	7,390
7647-01-0	Hydrochloric acid	2,612,891	0	0	0	750	2,613,641	338	750	0
100-42-5	Styrene	2,396,261	24	0	250	174,083	2,570,618	1,900	149,322	24,761

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

On-site and Off-site Releases for Top Ten Chemicals Ranked on Total Releases in the State (Seven New Industries)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
7647-01-0	Hydrochloric acid	26,417,766	0	0	0	0	26,417,766	0	0	0
--	Zinc compounds	95,382	21,701	0	16,006,413	1,241,808	17,365,304	48,523	1,001,782	282,647
7664-93-9	Sulfuric acid	5,445,565	0	0	0	0	5,445,565	0	0	0
--	Manganese compounds	24,269	49,747	0	3,453,759	1,845,785	5,373,560	33,063	1,838,110	15,484
--	Barium compounds	149,053	125,846	0	3,403,768	1,321,151	4,999,818	947,957	1,305,851	26,328
7664-39-3	Hydrogen fluoride	2,320,409	0	0	0	1,396	2,321,805	0	316	1,080
--	Lead compounds	2,895	5,904	0	1,670,906	240,518	1,920,223	66,653	216,890	86,539
--	Chromium compounds	5,356	428	0	508,209	1,070,887	1,584,880	13,417	928,753	156,435
--	Copper compounds	5,747	8,637	0	465,666	400,829	880,879	29,880	375,951	44,928
--	Nickel compounds	5,745	13,665	0	382,103	320,732	722,245	3,886	300,683	51,373

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.



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On- and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (Original Industries)

Facility, City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection				On-site Releases to Land			Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
Northwestern Steel & Wire Co., Sterling, Whiteside	117,250	12,450	0	0	7,570,000	2,217,000	9,916,700	89,320	0
Granite City Steel, Granite City, Madison	208,180	163,090	0	0	0	5,402,885	5,774,155	0	4
Devro-Teepak, Danville, Vermilion	3,644,096	0	0	0	0	0	3,644,096	0	0
IBP Inc., Joslin, Rock Island	22,090	3,001,390	0	0	0	1,660	3,025,140	13,135	250
Williams Ethanol Services Inc., Pekin, Tazewell	500,595	1,289,021	0	0	0	616,110	2,405,726	69,914	0
ADM Bioproducts, Decatur, Macon	2,402,450	0	0	0	0	0	2,402,450	0	0
Tosco Woodriver Refy., Roxana, Madison	1,795,124	196,755	0	0	0	0	1,991,879	11,864	10,845
ADM, Decatur, Macon	1,740,151	0	0	0	0	0	1,740,151	0	0
ADM, Decatur West Plant, Decatur, Macon	1,450,000	0	0	0	0	0	1,450,000	250	0
Corn Prods. Argo Plant, Bedford Park, Cook	1,324,760	0	0	0	0	0	1,324,760	0	5

*The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

On- and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (Seven New Industries)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection				On-site Releases to Land			Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
Peoria Disposal Co. #1, Peoria, Peoria	542	1	0	0	18,731,900	0	18,732,443	12	5
Baldwin Power Station, Baldwin, Randolph	11,751,479	168,629	0	0	0	1,091,600	13,011,708	0	0
Ameren Corp.Coffeen Power Station, Coffeen, Montgomery	4,625,677	896	0	0	0	0	4,626,573	367,500	0
AES Edwards Generation Plant, Bartonville, Peoria	2,823,489	0	0	0	0	384,382	3,207,871	102,473	0
Illinova Corp. Wood River Power Station, Alton, Madison	2,756,400	20,480	0	0	0	159,600	2,936,480	0	0
City Water Light & Power City of Springfield, Springfield, Sangamon	2,826,899	0	0	0	196	67,000	2,894,095	0	0
Vermilion Power Station, Oakwood, Vermilion	2,206,295	5,030	0	0	0	110,000	2,321,325	0	0
Ameren Corp. Newton Power Station, Newton, Jasper	300,264	944	0	0	0	1,703,000	2,004,208	0	0
Freeman United Coal Mining Co. Crown 3 Mine, Farmersville, Montgomery	5	0	0	0	0	1,521,938	1,521,943	0	0
Hennepin Power Station, Hennepin, Putnam	1,222,365	1,180	0	0	0	3,480	1,227,025	84,000	0

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ILLINOIS

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (Original Industries)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site*	Total Production- related Waste Managed Pounds	Total Non- Production- related Waste Managed Pounds
Northwestern Steel & Wire Co., Sterling, Whiteside	0	0	0	0	160,000	0	10,050,000	10,210,000	0
Keystone Steel & Wire Co., Peoria, Peoria	0	390,000	0	0	0	0	6,598,000	6,988,000	72,130
Granite City Steel, Granite City, Madison	0	0	0	0	5,806,101	8	5,755,101	11,561,210	27
Birmingham Steel Corp., Kankakee Illinois Steel Div., Bourbonnais, Kankakee	0	0	0	0	0	0	5,170,044	5,170,044	1
Devro-Teepak, Danville, Vermilion	0	0	0	0	0	51,864	3,644,096	3,695,960	0
Koppers Inds. Inc., Cicero, Cook	845,527	28,684	0	10,014	18,720,523	26,654	3,157,307	22,788,709	0
IBP Inc., Joslin, Rock Island	0	53,000	0	0	205,032	0	3,037,190	3,295,222	2
ADM Corn Processing, Decatur, Macon	0	158,000	0	0	459,190	446,297	2,432,819	3,496,306	0
ADM Bioproducts, Decatur, Macon	53,000,000	2,000,000	0	0	0	330,000	2,400,200	57,730,200	1,506
Royster-Clark Nitrogen, East Dubuque, Jo Daviess	0	0	0	0	0	0	2,345,760	2,345,760	0

*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (Seven New Industries)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site*	Total Production- related Waste Managed Pounds	Total Non- Production- related Waste Managed Pounds
Peoria Disposal Co. #1, Peoria, Peoria	0	0	0	0	0	0	18,731,900	18,731,900	0
Baldwin Power Station, Baldwin, Randolph	0	0	0	0	3,927,000	0	13,007,400	16,934,400	0
Ameren Corp. Coffeen Power Station, Coffeen, Montgomery	0	0	0	0	2,396,000	0	5,001,000	7,397,000	0
AES Edwards Generation Plant, Bartonville, Peoria	0	0	0	0	940,771	0	3,310,344	4,251,115	0
Illinova Corp. Wood River Power Station, Alton, Madison	0	0	0	0	38,200	0	2,931,235	2,969,435	0
City Water Light & Power City of Springfield, Springfield, Sangamon	0	0	0	0	2,680,000	0	2,894,000	5,574,000	0
Vermilion Power Station, Oakwood, Vermilion	0	0	0	0	197,000	0	2,322,000	2,519,000	0
Ameren Corp. Newton Power Station, Newton, Jasper	0	0	0	0	400,000	0	1,990,000	2,390,000	0
Envirite of Illinois Inc., Harvey, Cook	0	25,266	0	0	45,000	0	1,937,850	2,008,116	0
American Minerals Inc., Rosiclare, Hardin	0	0	0	0	0	0	1,707,016	1,707,016	6

*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.